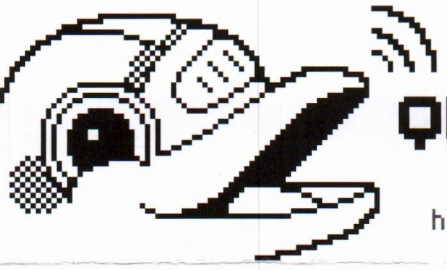
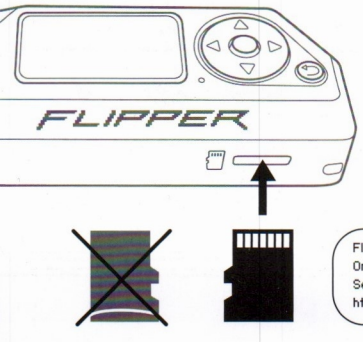
FLIPPER ZERO



QUICK START

Read the full manual here:
https://docs.flipperzero.one

microSD CARD

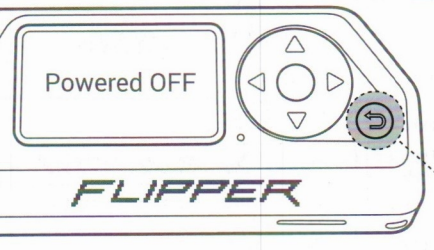


Make sure to insert the microSD card as depicted. Flipper Zero supports cards up to 256GB, but 16GB should be enough.

You can format the microSD card automatically from Flipper's menu or manually using your computer. In the latter case, choose exFAT or FAT32 filesystem.

Flipper Zero works with microSD cards in SPI "slow mode". Only authentic microSD cards properly support this mode. See recommended microSD cards here: https://flipp.dev/sd-card

POWERING ON



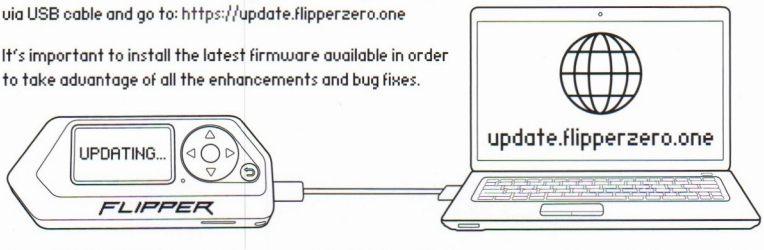
Hold Back ⮌ for 3 seconds to turn ON.

If Flipper Zero is not starting, try charging the battery with a USB cable plugged into a 5V/1A power supply.

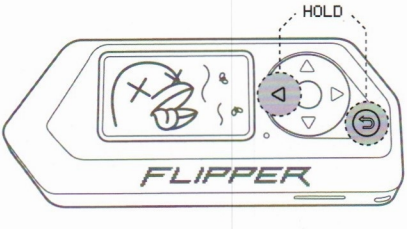
UPDATING FIRMWARE

To update the firmware connect your device to your computer via USB cable and go to: https://update.flipperzero.one

It's important to install the latest firmware available in order to take advantage of all the enhancements and bug fixes.



REBOOTING



Hold Left ⮈ + Back ⮌ to reboot.

You may encounter freezes, especially while the firmware is in beta or when using a dev version. If Flipper Zero stops responding, please reboot your device.

For GPIO port manual, please visit docs.flipperzero.one

LINKS

- Read the Documentation: docs.flipperzero.one
- Talk to us on Discord: flipp.dev/discord
- Discuss features on our Forum: forum.flipperzero.one
- Check out the source code: github.com/flipperdevices
- Report bugs: flipp.dev/bug

Twitter: @flipper_zero Facebook: @flipperzero Instagram: @flipper_zero

FLIPPER

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Flipper Zero Safety and User Guide

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CAUTION: DO NOT CLEAN THE SCREEN WITH ALCOHOL OR ALCOHOL-CONTAINING CLEANERS, TISSUES, WIPES, OR SANITIZERS. IT CAN PERMANENTLY DAMAGE THE SCREEN AND VOID YOUR WARRANTY.

EN WARNING

• Do not expose this product to water, moisture or heat. It is designed for reliable operation at normal room temperatures and humidity.
• Any peripheral or equipment used with the Flipper Zero should comply with applicable standards for the country of use and be marked accordingly to ensure that safety and performance requirements are met.
• Any external power supply used with the product shall comply with relevant regulations and standards applicable in the country of intended use. The power supply should provide 5V DC and a minimum rated current of 0.5A.
• Any changes or modifications to the product that are not explicitly approved by Flipper Devices Inc. may void the user's authority to operate the equipment and your warranty.

For all compliance certificates please visit www.flipp.dev/compliance.

RU ВНИМАНИЕ

• Не подвергайте этот продукт воздействию воды, влаги или тепла. Он рассчитан на надежную работу при нормальной комнатной температуре и влажности.
• Любое периферийное оборудование или оборудование, используемое с Flipper Zero, должно соответствовать применяемым стандартам страны использования и иметь соответствующую маркировку для обеспечения соблюдения требований безопасности и производительности.
• Любой внешний источник питания, используемый с продуктом, должен отвечать соответствующим нормам и стандартам, действующим в стране предполагаемого использования. Источник питания должен обеспечивать постоянное напряжение 5 В и минимальный номинальный ток 0,5 А.
• Любые изменения или модификации продукта, которые прямо не одобрены Flipper Devices Inc, могут привести к аннулированию права пользователя на эксплуатацию оборудования и вашей гарантии.

Все сертификаты соответствия можно найти на сайте www.flipp.dev/compliance.

ES ADVERTENCIA

• No exponga este producto al agua, a la humedad o al calor. Está diseñado para un funcionamiento óptimo a temperatura y humedad ambiente normales.
• Cualquier periférico o equipo utilizado con el Flipper Zero debe cumplir con las normas relevantes para el país de uso y estar demarcado para garantizar que se cumplan los requisitos de seguridad y rendimiento.
• Cualquier fuente de alimentación externa que se utilice con el producto deberá cumplir con las normativas y estándares pertinentes aplicables en el país de uso. La fuente de alimentación debe proporcionar 5 V CC y una corriente nominal mínima de 0,5 A.
• Cualquier cambio o modificación al producto que no esté expresamente aprobado por Flipper Devices Inc. puede anular la autorización dada al usuario para operar el equipo y/o su garantía.

Para obtener todos los certificados de cumplimiento, visite www.flipp.dev/compliance.

FR ATTENTION

• N'exposez pas ce produit à l'eau, à l'humidité ou à la chaleur. Il est conçu pour un fonctionnement fiable à des températures et humidité ambiantes normales.
• Tout périphérique ou équipement utilisé avec le Flipper Zero doit être conforme aux normes en vigueur dans le pays d'utilisation et être marqué en conséquence pour garantir que les exigences de sécurité et de performance sont respectées.
• Toute alimentation externe utilisée avec le produit doit être conforme aux réglementations et normes applicables dans le pays d'utilisation prévu. L'alimentation doit fournir 5 V CC et un courant nominal minimum de 0,5 A.
• Tout changement ou modification apportée au produit qui n'est pas expressément approuvé par Flipper Devices Inc. peut annuler le droit de l'utilisateur à utiliser l'équipement et votre garantie.

Pour tous les certificats de conformité, veuillez visiter

DE ACHTUNG

• Setzen Sie dieses Produkt nicht Wasser, Feuchtigkeit oder Hitze aus. Es ist für den zuverlässigen Betrieb bei normalen Raumtemperaturen und Luftfeuchtigkeit ausgelegt.
• Alle Peripheriegeräte oder Geräte, die mit dem Flipper Zero verwendet werden, sollten den einschlägigen Normen des Landes entsprechen und entsprechend gekennzeichnet sein, um sicherzustellen, dass die Sicherheits- und Leistungsanforderungen erfüllt werden.
• Jede mit dem Produkt verwendete externe Stromversorgung muss den einschlägigen Vorschriften und Normen entsprechen, die im Land der beabsichtigten Verwendung gelten. Das Netzteil sollte 5V DC und einen minimalen Nennstrom von 0,5A liefern.
• Jegliche Änderungen oder Modifikationen am Produkt, die nicht ausdrücklich von Flipper Devices Inc. genehmigt wurden, können zum Erlöschen der Berechtigung des Benutzers zum Betrieb des Geräts und Ihrer Garantie führen.

Alle Konformitätszertifikate finden Sie unter www.flipp.dev/compliance.

JP 警告

・この製品を液体、湿気、または高温にさらさないでください。 通常の室温と湿度で信頼性の高い動作を実現するように設計されています。
・FlipperZeroで使用される周辺機器または機器は、使用国の関連規格に準拠し、それに応じてマークを付けて、安全性とパフォーマンスの要件が満たされていることを確認する必要があります。
•製品で使用される外部電源は、使用目的の国で適用される関連規制および基準に準拠している必要があります。電源装置は、5VDCおよび0.5Aの最小定格電流を提供する必要があります。
•FlipperDevices Incによって明示的に承認されていない製品の変更または改変を行うと、機器を操作するユーザーの権限と保証が無効になる場合があります。

すべての適合証明書については、
www.flipp.dev/complianceにアクセスしてください。

NL WAARSCHUWING

• Stel dit product niet bloot aan water, vocht of hitte. Het is ontworpen voor een betrouwbare werking bij normale kamertemperatuur en luchtvochtigheid.
• Alle randapparatuur of apparatuur die met de Flipper Zero wordt gebruikt, dient te voldoen aan de geldende normen voor het land van gebruik en dienovereenkomstig te zijn gemarkeerd om te garanderen dat aan de veiligheids- en prestatie-eisen wordt voldaan.
• De externe voeding die met het product wordt gebruikt dient te voldoen aan de relevante voorschriften en normen die gelden in het land van beoogd gebruik. De voeding moet 5V DC (gelijkstroom) en een minimale nominale stroom van 0,5 A leveren.
• Wijzigingen of modificaties aan het product die niet uitdrukkelijk zijn goedgekeurd door Flipper Devices Inc. kunnen de bevoegdheid van de gebruiker om de apparatuur te bedienen en uw garantie ongeldig maken.

Ga voor alle conformiteitsverklaringen naar www.flipp.dev/compliance.

FCC COMPLIANCE

This device complies with Part 15 of the FCC Rules. Operation is a subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: (1) Reorient or relocate the receiving antenna; (2) Increase the separation between the equipment and receiver; (3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected; (4) Consult the dealer or an experienced radio/TV technician for help. Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. RF warning statement: The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

IC COMPLIANCE

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device. Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotopically radiated power (e.i.r.p.) is not more than that necessary for successful communication. RF warning statement: The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement. Selon les règlements d'Industrie Canada, cet émetteur radio ne peut fonctionner qu'à l'aide d'une antenne d'un type et d'un gain maximal (ou moindre) approuvé pour l'émetteur par Industrie Canada. Pour réduire les interférences radioélectriques potentielles avec d'autres utilisateurs, le type d'antenne et son gain doivent être choisis de telle sorte que la puissance équivalente rayonnée (p.i.r.e.) ne soit pas supérieure à celle nécessaire pour une communication réussie. Avertissement RF: L'appareil a été évalué pour répondre aux exigences générales d'exposition aux RF. Le dispositif peut être utilisé dans des conditions d'exposition portatives sans restriction et fonctionnait avec une distance minimale de 0mm entre le radiateur et votre corpse.

CE COMPLIANCE

Maximum radio frequency power transmitted in the frequency bands in which the radio equipment operates: The maximum power for all bands is less than the highest limit value specified in the related Harmonized Standard. The frequency bands and transmitting power (radiated and/or conducted) nominal limits applicable to this radio equipment are as follows:

1. Bluetooth working frequency range: 2402-2480MHz and Maximum EIRP Power: 2.58 dBm
2. SRD working frequency range: 433.075-434.775MHz, 868.15-868.55MHz and Maximum EIRP Power: -15.39 dBm
3. NFC working frequency range: 13.56MHz and Maximum EIRP Power: 17.26 dBuA/m
4. RFID working frequency range: 125KHz and Maximum Power: 16.75 dBuA/m

1. EUT Operating temperature range: 0° C to 35° C.
2. Rating Supply 5V DC, 1A.
3. Declaration of Conformity.

Flipper Devices Inc hereby declares that this Flipper Zero is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. This product is allowed to be used in all EU member states.

Flipper Devices Inc hereby declares that this Flipper Zero is in compliance with the standards with UK Regulations 2016 (S.I. 2016/1091), Regulations 2016 (S.I. 2016/1101)and Regulations 2017 (S.I. 2017/1206).

For the declaration of conformity, visit www.flipp.dev/compliance.

RoHS&WEEE COMPLIANCE

CAUTION : RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

RoHS: Flipper Zero complies with the relevant provisions of the RoHS Directive for the European Union.

WEEE Directive: This marking indicates that this product should not be disposed of with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.

Note: A full online copy of this Declaration can be found at www.flipp.dev/compliance.

Product: Flipper Zero **Model: FZ.1**
FCC ID: 2A2V6-FZ **IC: 27624-FZ**

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